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FIG. 4 illustrates the other application of mounting a flat panel display apparatus, where users pivot the supporting member 13 to an appropriate angle and followed that mount the supporting member 13 to the ceiling 41 to support the display screen 10.

Alternative Preferred Embodiment

An alternative preferred embodiment of the present invention is described below in connection with FIGS. 5-8. FIG. 5 comprises a display screen 10, a connecting member 51, a supporting member 52 and a stand member 15. The connecting member 51 is mounted through the holes 55 to the back of the display screen 10.

The supporting member 52 is pivotally secured to the connecting member 51. The supporting member 52 has a first arm portion 521 and a second arm portion 522. The first arm portion 521 and second arm portion 522 forms an obtuse angle. The second arm portion 522 comprises a plurality of holes 54.

A predetermined height of the supporting member 52 ranges from the 0.8-fold to one-fold of the total length of an upright display screen 10 and the connecting member 51 attached therewith. The range is determined to allow the display screen 10 to maintain balance as it stands on the desk 21 with the supporting member 52.

The stand member 15 is used to prevent the supporting member 52 from escaping as the display screen 10 is in an upright position. In the alternative preferred embodiment, the stand member 15 is made of rubber.

Referring to FIG. 6, users pivot the supporting member 52 to an appropriate angle to allow the display screen 10 to stand on the desk 21. The stand member 56 is used as a material to provide required friction for the supporting member 52 against the desk 21, such that the supporting member 52 does not escape due to a large angle between the supporting member 52 and display screen 10.

FIG. 7 illustrates an alternative application of mounting a flat panel display apparatus. In which, users pivot the supporting member 52 to an appropriate angle and followed that mount the supporting member 52 to the wall 31 with holes 14 on the supporting member 52 to support the display screen 10.

FIG. 8 illustrates the other application of mounting a flat panel display apparatus, where users pivot the supporting member 52 to an appropriate angle and followed that mount the supporting member 52 to the ceiling 41 to support the display screen 10.

While the invention has been described with reference to various illustrative embodiments, the description herein should not be construed in a limiting sense. Various modifications of the illustrative embodiments, as well as other embodiments of the invention, will be apparent to those skilled in the art upon reference to this description. It is therefore contemplated that the appended claims will cover any such modifications or embodiments as may fall within the scope of the invention defined by the following claims and their equivalents.

What is claimed is:

1. A mounting apparatus used for a flat panel display comprising:

a handle member disposed at an edge of the flat panel display;

a supporting member pivotally secured to the handle member, the supporting member comprising a first arm portion and a second arm portion where an obtuse angle is formed between the first arm portion and the second arm portion; and

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a stand member disposed at an end of the second arm portion;

wherein the second arm portion comprises holes for fastening the mounting apparatus to either a wall or a ceiling.

2. The mounting apparatus of claim 1, wherein the supporting member further comprises a tube member pivotally secured to an end of the first arm portion to allow the supporting member to pivot on the handle member.

3. The mounting apparatus of claim 1, wherein a predetermined height of the supporting member ranges from the 0.8-fold to one-fold of the total length of an upright flat panel display and the handle member attached therewith.

4. The mounting apparatus of claim 1, wherein the stand member is made of rubber.

5. A flat panel display apparatus:

a display screen;

a handle member disposed at an edge of the display screen;

a supporting member pivotally secured to the handle member, the supporting member comprising a first arm portion and a second arm portion where an obtuse angle is formed between the first arm portion and the second arm portion; and

a stand member disposed at an end of the second arm portion;

wherein the second arm portion comprises holes for fastening the mounting apparatus to either a wall or a ceiling.

6. The flat panel display apparatus of claim 5, wherein the supporting member further comprises a tube member pivotally secured to an end of the first arm portion to allow the supporting member to pivot on the handle member.

7. The flat panel display apparatus of claim 5, wherein a predetermined height of the supporting member ranges from the 0.8-fold to one-fold of the total length of an upright display screen and the handle member attached therewith.

8. The flat panel display apparatus of claim 5, wherein the stand member is made of rubber.

9. A mounting apparatus used for a flat panel display comprising:

a connecting member disposed at the back of the flat panel display;

a supporting member pivotally secured to the connecting member, the supporting member comprising a first arm portion and a second arm portion where an obtuse angle is formed between the first arm portion and the second arm portion; and

a stand member disposed at an end of the second arm portion;

wherein the second arm portion comprises holes for fastening the mounting apparatus to either a wall or a ceiling.

10. The mounting apparatus of claim 9, wherein the supporting member further comprises a tube member pivotally secured to an end of the first arm portion to allow the supporting member to pivot on the connecting member.

11. The mounting apparatus of claim 9, wherein a predetermined height of the supporting member ranges from the 0.8-fold to one-fold of the total length of an upright flat panel display and the connecting member attached therewith.

12. The mounting apparatus of claim 9, wherein the stand member is made of rubber.

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13. A flat panel display apparatus comprising:
a display screen;

a connecting member disposed at the back of the display screen;

a supporting member pivotally secured to the connecting member, the supporting member comprising a first arm portion and a second arm portion where an obtuse angle is formed between the first arm portion and the second arm portion; and

a stand member disposed at an end of the second arm portion;

wherein the second arm portion comprises holes for fastening the mounting apparatus to either a wall or a ceiling.

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14. The flat panel display apparatus of claim 13, wherein the supporting member further comprises a tube member pivotally secured to an end of the first arm portion to allow the supporting member to pivot on the connecting member.

15. The flat panel display apparatus of claim 13, wherein a predetermined height of the supporting member ranges from the 0.8-fold to one-fold of the total length of an upright flat panel display and the connecting member attached therewith.

16. The flat panel display apparatus of claim 13, wherein the stand member is made of rubber.

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